

FIS919990263US2

10/659,118

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

FILING

9/10/03

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CK	5,930,655	7/27/99	COONEY, III, ET AL.			
CK	5,451,543	9/19/95	WOO, ET AL.			
CK	5,753,564	5/19/98	FUKADA			
CK	5,930,655	7/27/99	COONEY, III, ET AL.			
CK	5,527,718	6/18/96	SEITA, ET AL.			
CK	5,661,334	8/26/97	AKRAM			
CK	6,214,730	4/10/01	COONEY, III, ET AL.			
CK	6,066,577	5/23/00	COONEY, III, ET AL.			
CK	6,310,300	10/30/01	COONEY, III, ET AL.			
CK	4,300,989	11/17/81	CHANG			
CK	5,011,732	4/30/91	TAKEUCHI, ET AL.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
JP07094606A2	04.07.95	JAPAN				
KR94-12438	6/1994	KOREA				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CK		S. M. Sze, VLSI Technology, second edition, p233-234, 266-267, 1988
CK		1990 Proceedings, Seventh International IEEE VLSI Multilevel Interconnection Conference, C.M. Dalton, p. 289-95, Jun. 1990.

EXAMINER

*Christy Savacole*

DATE CONSIDERED

7/6/05

\*EXAMINER: Initial if reference considered or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with communication to applicant.

**CERTIFICATION OF FACSIMILE TRANSMISSION:**  
I hereby certify that this correspondence is being facsimile transmitted to the USPTO on the date shown below.

*10/15/04*

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

PAGE 1 OF 3

Form PTO-A820  
(also form PTO-1449)

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

FILING

9/10/03

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CK	5,219,791	6/15/93	FREIBERGER			
CK	5,306,671	4/26/94	OGAWA, ET AL.			
CK	5,380,397	1/10/95	FUKUYAMA, ET AL.			
CK	5,384,281	1/24/95	KENNEY, ET AL.			
CK	5,397,748	3/14/95	WATANABE, ET AL.			
CK	5,423,945	6/13/95	MARKS, ET AL.			
CK	5,451,543	9/19/95	WOO, ET AL.			
CK	5,466,638	11/14/95	EGUCHI			
CK	5,497,545	3/12/96	WATANABE, ET AL.			
CK	5,644,166	7/1/97	HONEYCUTT, ET AL.			
CK	5,181,985	1/26/93	LAMPERT, ET AL.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

*Christy Gonscek*

DATE CONSIDERED

7/6/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 2112. Draw line through citation if not in conformance and not considered. Include copy of this form with:

## CERTIFICATION OF FACSIMILE TRANSMISSION:

I hereby certify that this correspondence is being facsimile transmitted to the USPTO on the date shown below:

Date of Transmission: 12/15/04

Patent and Trademark Office • U.S. DEPARTMENT OF COMMERCE

Form PTO-A820  
(also form PTO-1445)

PAGE 2 OF 3

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

FIS919990263US2

10/659,778

FILING

9/10/03

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CK	5,378,317	1/3/95	KASHIWASE, ET AL.			
CK	5,380,397	1/10/95	FUKAYAMA, ET AL.			
CK	6,004,883	12/21/99	YU, ET AL.			
CK	5,821,175	10/13/98	ENGELSBERG			
CK	6,040,243	3/21/00	LI, ET AL.			
CK	5,429,995	7/4/95	NISHIYAMA, ET AL.			
CK	6,333,257	12/25/01	AOI			
CK	3,620,833	11/1971	GLEIM, ET AL.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*Christy Horacek*

DATE CONSIDERED

7/6/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

**CERTIFICATION OF FACSIMILE TRANSMISSION:**  
I hereby certify that this correspondence  
is being facsimile transmitted to the  
USPTO on the date shown below:  
12/15/04

Patent and Trademark Office • U.S. DEPARTMENT OF COMMERCE

Form PTO-A820  
(also form PTO-1449)

PAGE 3 OF 3